

CLAIMS

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1. A device, comprising:
a LED array having an anti-parallel configuration;
an inverter operable to provide an alternating voltage at a switching frequency; and
an impedance circuit operable to direct a flow of an alternating current through said LED array in response to the alternating voltage.
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2. The device of claim 1, wherein said LED array includes a switch operable to control a flow of the alternating current through said LED array.
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3. The device of claim 1, wherein:
said impedance circuit includes a first capacitor coupled in series to said LED array; and
said LED array includes an LED pair, a pair of LED strings or a LED matrix.
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4. The device of claim 3, wherein said impedance circuit further includes an inductor coupled in series between said inverter and said impedance circuit.
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5. The device of claim 3, wherein said LED array further includes a switch operable to vary or divert a flow of the alternating current through said LED array.

6. The device of claim 3, wherein:
said impedance circuit further includes a second capacitor coupled
in series to said first capacitor; and
5 said LED array further includes a switch operable to vary or divert a
flow of the alternating current through said LED array.

7. A device, comprising:
a LED array having an anti-parallel configuration;
10 an inverter operable to provide an alternating voltage; and
an impedance circuit operable to direct a flow of an alternating
current through said LED array in response to the alternating voltage,
wherein said LED array includes a switch operable to control
a flow of the alternating current through said LED array.

8. A device, comprising:
a LED array having an anti-parallel configuration;
15 means for providing an alternating voltage; and
means for controlling a flow of an alternating current through said
LED array in response to the alternating voltage.

9. A method of illuminating an LED array having an anti-parallel
configuration, comprising:
operating an inverter to provide an alternating voltage; and
25 operating an impedance circuit to direct a flow of an alternating
current through the LED array in response to the alternating voltage.

10. The method of claim 9, further comprising:
operating a switch to selectively control the flow of the alternating
30 current through the one or more pairs of LEDs.